CAMBRIAN ARCHÆOLOGICAL ASSOCIATION.—The fifth annual meeting of this association was held at Tenby, commencing on 20th ult., and was numerously attended. The Earl of Cawdor, president elect, in the chair. An inaugural address was delivered by the chairman, after which the report was read by the Rev. W. B. Jones, one of the general secretaries, and its adoption was moved by the Bishop of St. David's, and agreed to. The programme of the excursions was then read, which closed the business of the evening.

NEW METROPOLITAN CATTLE MARKET.—A site has been suggested for the New Metropolitan Cattle Market, between the Mile End-road and the Commercial-road, in the parishes of Stepney and Limehouse, two and a half miles from the Royal Exchange, which is stated to offer numerous advantages in its railway, water, and road connections in a circle round the whole metropolis.

WOOD POSTS: A NEW "PLANT."—A New York paper states that wooden posts planted in inverted order, not as they grow, will remain sound, whilst others fast decay.

THAMES TUNNEL.—Upwards of fifty-six thousand people passed through this tunnel in the week ending 23rd ult.: receipt 208*l.* odd.

[ADVERTISEMENT.]

IRON BRIDGES AND PIERS.

DREDGE'S taper balance, on tension, in small bridges, with the same weight of iron, is three times the strength of the common principle, and this advantage rapidly increases to ten, twenty, and forty times, and so on, as bridges are increased in span; and in point of safety and inflexibility, it is equally superior. Dredge's taper balance girder possesses the same relative advantages over the common girder bridge.—JAMES DREDGE, Bath.

TENDERS

For malt-house, at Grimsby, for Messrs. Gilstrap.

Hutchings and Co.	£6,077 3 7
John Jay	5,899 0 0
Locke and Nesham	5,871 0 0
Wm. Isaacs	5,850 0 0
Kirk and Parry	5,311 0 0
Neale and Wilson	5,000 0 0
Costar	4,963 0 0

TO CORRESPONDENTS.

"*Colours in Wax.*"—An art-lover says—"Being engaged in some experiments in decorative painting, I should be glad to be informed by what process water-colours are prepared with *wax* instead of gum, as is advertised by some of our water-colour makers. As wax is insoluble in water I conclude it must be a soap of wax which is employed."

"*Rats.*"—Can any of your correspondents give me a good receipt for destroying rats, without the chance of their getting into their holes to die?—G. F. J.

"*To soften old putty.*"—An experienced glazier recommends potash.

"J. C." "J. P." "Quondam," "T. G." "A. A." "R. H." (health and safety), "C. W." "J. T. W." "X. B. L." "J. B." "T. H." "C. P. B. S." "T. B." "T. A. B." "J. B." "B." (send the rest), "R. H." (for registration apply at Somerset House), "J. D." "J. A." (shall have attention), "G. E. B." "A Working Inventor." "J. C. M." (in that position we should use lead), "M. and H." (not yet settled), "J. S." (we have an impression that it has appeared, but cannot refer).

NOTICE.—All communications respecting *advertisements* should be addressed to the "Publisher," and not to the "Editor:" all other communications should be addressed to the EDITOR, and not to the Publisher.

ADVERTISEMENTS.

NORTH LONDON SCHOOL of DRAWING and MODELLING.—Patron, H.R.H. Prince Albert.—Persons desirous of obtaining the APPOINTMENT of TEACHER of GEOMETRICAL DRAWING in the above School are requested to send their applications and testimonials to the hon. secretary, on or before Wednesday, Sept. 10. Salary 50*l.* per annum. Attendance three evenings in the week.

J. NEVILLE WARREN, Hon. Secretary.

18, Adam-street, Adelphi.

COLOSSEUM.—Change of Panoramas.—The original and extraordinary PANORAMA of LONDON, painted by MR. PARRIS, still is EXHIBITED with the other splendid features of this Establishment, entirely re-embellished, daily from half-past Ten till Five. The grand PANORAMA of PARIS by NIGHT, by Danson and Son, from Seven till half-past Ten. The most admired music from Two till Five, and during the evening, when the entire premises, saloons, &c., are brilliantly illuminated. Admission, day or evening, 2*s.*; children and schools half-price. CYCLORAMA, Albany-street; admission 1*s.* A grand moving Panorama of Lisbon and the Earthquake in 1755 is exhibited daily at One and Three, and in the evening at half-past Seven and Nine o'clock, illustrated by appropriate music on the new grand Apollonicon. Children and schools half-price.

THE GREAT EXHIBITION and the ROYAL POLYTECHNIC INSTITUTION.—All the most interesting departments of the Great Exhibition will, in turn, be lectured on at the Royal Polytechnic Institution.—The present features are by J. H. Pepper, Esq., on the Minerals and Base Metals in the Great Exhibition, and their connexions with the possibility of Transmutation.—Popular Lectures by Dr. Bachhoffner on the recent Total Eclipse of the Sun, with splendid Pictorama showing the appearances which actually occurred on the line of Totality.—The great economy of Coalking by Gas explained.—A Lecture on the History of the Harp, by Frederick Chatterton, Esq., with Vocal Illustrations.—Two Series of splendid Dissolving Views—Diver and Diving Bell, &c., &c.—Admission, 1*s.*; Schools, Half-price. Open daily from half-past ten till five, and every evening from seven till half-past ten.

MR. FOWLER JONES, Architect, York, has a VACANCY for a well-educated young Gentleman as an OUT-DOOR ARTICLED PUPIL. One about 17 or 18 years of age, who has been taught the rudiments of drawing, and has a fair knowledge of mathematics, would be preferred.—Michaelmas, York, 24th August, 1861.

TO PARENTS AND GUARDIANS.

A PRACTICAL TRADESMAN, residing in a large town, and transacting an extensive business in the several branches of Painting, Gilding, Glazing, and Paper-hanging, is desirous of taking a youth, respectably connected, as an IN-DOOR APPRENTICE to the above. He will be required to keep accounts and to make himself generally useful.—Direct, J. P., Post-office, Dorchester, Dorset.

DRAINAGE.—A Surveyor and Civil Engineer, who has had extensive experience in the metropolis and in the country, offers his SERVICES to any party desirous of drawing plans of drainage on the most economical and efficient principles. He may also be consulted with a view to the application of the most successful remedies in all cases where annoyance or ill health may arise from the defective state of the drains on private premises.—Address to C. E., 2, Canton-place, South Lambeth.

ARCHITECTS AND SURVEYORS.

WANTED, a Surveyor, who is thoroughly master of his business, and who must be a good draughtsman. Testimonials and references as to character and ability, with statement of experience, age, and salary required, to be forwarded to the Secretary of the National Freehold Land Society, 13, King's Arms-yard, Moorgate-street, City, on or before the 16th day of September.

WANTED, for about two or three months, in an Architect and Surveyor's office, a PERSON who is fully competent to SET OUT, LEVEL, and make DRAWINGS of LAND and BUILDINGS.—Apply, stating terms and references to R. C., Post-office, Liverpool.

TO GRAINERS, WRITERS, &c.

WANTED, a FOREMAN. He must thoroughly understand housepainting, both plain and fancywriting, and a good grainer and writer. Address to J. and S. L., office of "The Builder," 1, York-street, Covent-garden, stating age and qualifications. Unexceptionable references required.

TO SIGN WRITERS AND GRAINERS.

WANTED, a respectable Workman that has been accustomed to writing church tablets, &c. One who understands marble graining would be preferred and insured a constant situation.—Apply, if by letter, post-paid, to MR. W. HOLLAND, Decorator, &c., Warwick.

TO BUILDERS' CLERKS.

WANTED, one who is fully competent to MEASURE BRICK and ESTIMATE WORKS, and the general routine of a large business. None need apply who have not been so engaged, and who cannot produce first-rate testimonials or references.—Apply, by letter only, post-paid, addressed to A. M., at No. 9, Bedford-street, Bedford-square, stating qualifications, where previously engaged, age, and salary expected.

WANTED, by a Young Man, aged 21, EMPLOYMENT to make Geometrical, Architectural and Mechanical Drawings, and to Lithograph the same.—Letters, &c. to A. H. R., care of Mr. Taverner, 38, Greenwich-road, City.

TO BUILDERS AND OTHERS.

WANTED, by a respectable Young Man, a SITUATION as COLOUR GRINDER; understands colours, can work at the brush if required, and willing to make himself otherwise useful.—Please to address G. F. R., No. 20, Southampton-street, Pentonville, Islington.

WANTED, by the Advertiser, aged 27, a SITUATION in a BUILDER'S office, to take the charge of Banks Accounts, &c. Has a practical knowledge of the trade, and filled a similar situation for many years: satisfactory references.—Address, P. H., 49, Chesterton-street, Oakley square.

WANTED, by a practical Carpenter and Joiner, a SITUATION as SHOP or OUT-DOOR FOREMAN to a BUILDER. The advertiser has been engaged for several years in that capacity, and is a steady active man, aged 38, whose character will bear the strictest investigation.—Address, S. J., Mr. Taylor's, 67, Curzon-street, Piccadilly.

TO ARCHITECTS AND BUILDERS.

WANTED, a SITUATION as CLERK of WORKS, by an experienced man, aged thirty-four. References of many years' standing will be given.—Address H. B., Crown Coffee-house, Westminster-bridge.

WANTED, a Situation as FOREMAN of BRICKLAYERS or SUPERINTENDENT of WORKS, by a Young Man who thoroughly understands the business; can measure, estimate, and is a good draughtsman.—Address, R. M., 44, Henry-street, Pentonville.

WANTED, a SITUATION by a person who has a practical knowledge of the building trade in all its branches; has had fifteen years' experience in it; can superintend the repairs of houses, measure up all kinds of work, estimate, and make plans. References given.—Address R. R., No. 1, Church-terrace, Kentish-town.

TO SOLICITORS AND OWNERS OF ESTATES.

WANTED, a SITUATION as AGENT, to improve old and erect new farm buildings, cottages, &c. The advertiser, 25 years of age, has had good practical experience in the management of buildings, and is well acquainted with measuring, estimating, and keeping accounts. Satisfactory testimonials and security given if required.—Address ALPHA, Post-office, Newport, Isle of Wight.

TO BRICKLAYERS AND BUILDERS.

REGULAR EMPLOYMENT WANTED by a practical Man, a BRICKLAYER, in Town or Country.—Address J. G., Office of "The Builder," 1, York-street, Covent-garden.

SAW-MILLS.—WANTED, EMPLOYMENT, in town or country, by a strictly sober man, used to working the various sorts of frames and circular benches, and the complete management of their saws.—Address, stating wages given to a man that would suit, 49, P., 33, Gloucester-row, Pimlico.

A SITUATION in an Architect and Surveyor's office is wanted either in town or country, the country would be preferred.—Apply to R. R., Office of "The Builder," 1, York-street, Covent-Garden.

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A YOUNG MAN, who has served several years to a builder, wishes for a SITUATION for one or two years, where he can improve himself. Wages not particular.—Address to J. S., No. 3, Northend-street, Westminster.

A STEADY, ACTIVE, USEFUL PERSON wishes for an ENGAGEMENT to superintend or Manage the Measuring or Converting of Timber by Circular or other Saws, or Machinery for Planing, Moulding, Mortising, or Tenoning, for building or manufacturing purposes, having a practical knowledge of the above branches and the most useful applications of steam power. Unexceptionable references can be given.—Address R. C., Post-office, Essex-street, Islington. No objection to go abroad.

TO ARCHITECTS, SURVEYORS, & BUILDERS.

A GENTLEMAN, educated for the Profession and with good references, wishes to enter an office with a view to a PARTNERSHIP. Merely a nominal salary will be required. Address, G. W., No. 14, Lower Belgrave-place, Belgrave-square.

A YOUNG ARCHITECT of ability offers his SERVICES, on moderate terms to any Builder of known respectability, and having building land, in the way of furnishing plans and designs for villas, &c.—Apply, by letter, to C. D., 46, Poultry, City.

A DRAUGHTSMAN, of industrious habits, who has served his time with an Architect, is desirous of a RE-ENGAGEMENT. Satisfactory references can be given.—Address K. L., Office of "The Builder," 1, York-street, Covent-garden.

TO ARCHITECTS.

AN ARCHITECTURAL DRAUGHTSMAN is desirous of an ENGAGEMENT; he is a competent designer and draughtsman, has a good knowledge of perspective, and is well acquainted with the Gothic and other styles.—Address C. H., Mr. J. Chapman's, 16, Great College-street, Camden-town.

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A MAN who thoroughly understands Plumbing, Painting, and Glazing, wishes a SITUATION as FOREMAN or JOURNEYMAN.—Direct to A. B., at the Office of "The Builder," 1, York-street, Covent-garden.

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A RESPECTABLE YOUNG MAN, aged twenty-three, of unexceptionable character, wishes to obtain a SITUATION as an IMPROVER in the above branches. Good references can be given as to respectability.—Address, pre-paid, G. D., Mr. John Trollope's, tea dealer, 13, Eastcheap.

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AN ACTIVE MAN of BUSINESS, with Plans of immediate command, only wants arrangements for a SHARE in the ENGINEERSHIP of a PUBLIC COMPANY. The amount advanced will be fully secured, and parts thereof known by a personal interview.—Apply by letter, with real name to K. C. J., office of "The Builder," 1, York-street, Covent-garden.

TO ARCHITECTS, &c.

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MONEY ON LOAN at £3 per Cent. per Annum.—ARNEWAY'S CHARITY.—NOTICE IS HEREBY GIVEN, that the Trustees of this Charity are enabled to lend out the Trust Moneys to poor owners or trustees resident within the City and Liberty of Westminster, that is to say within the parishes of St. Margaret and St. John the Evangelist, St. Anne, Soho, St. Clement Danes, St. George, Hanover-square, St. James, St. Martin-in-the-Fields, St. Mary-le-Strand, and St. Paul, Covent Garden. The amount of each loan is not to exceed 100*l.*, to be lent interest free for the first of it, per cent. per annum, and is to be secured by the bond of the borrower, with two sureties. Printed Forms of Application, and all necessary information, may be obtained by applying personally between the hours of Ten and Three o'clock in the day, at the office of the Clerk and Solicitor to the Trustees, No. 14, Great Peter-street, St. James's Park.

By order,

EDWARD R. STEPHENSON,
Clerk and Solicitor to the Trustees.

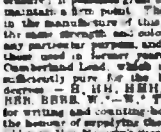
NOTE.—The Trustees meet on the second Wednesday in every month, to consider such applications for loans as have been sent in one clear week at the least before the first day of the month.—The outdoors must be unexceptionable.

TO BUILDERS AND OTHERS.

FOR SALE, at a moderate price, the IRON FITTINGS of a FURNACE; also a strong powerful IRON CRANE, with gib, &c. complete. The Irons fittings of a Horse Gear, and other machinery.—Apply at the Dublin Sand Brewery, Park-road, Clapham.

TARPAULINS for COVERING ROOFS during Repairs, SCAFFOLD CORD and every description of ROPE used by Builders upon the lowest terms. Marquees and temporary Awnings on sale or hire. Orders per post receive the most prompt attention.—WILLIAM PIGGOTT, 148, Fore-street, City. Manufacturer, by Appointment to Her Majesty's Honourable Board of Ordnance.

BRITISH PARQUET PANELS and BORDERS in rich and simple patterns, all manufactured to resist any change of atmosphere, and have been employed in her Majesty's private apartments Windsor Castle, the new Houses of Parliament, Lincoln's-inn, Royal Exchange, Queen's College, Birmingham, the Jurors' Court, Albert Company's Bank, Adelaide-gallery, and in many other public buildings and private mansions erected under the direction of Messrs. H. Banks & J. Jennings, P. Cope, J. B. Hopkins, T. Little, G. Godwin, jun., H. Kendall, H. Wyatt, Sydney Smirke, the Right Hon. the Earl of Lovelace, &c. &c.



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E. WOLFF & SONS' PURIFIED BLACK LEAD PENCILS, perfectly free from grit, may be entirely erased, and will write smooth in any position. E. WOLFF and SONS beg to inform the Trade that they have succeeded in so greatly improving their Black Lead, that they are now manufacturing a PLUMBAGO, or BLACK LEAD PENCIL, entirely free from grit, which will easily yield to India Rubber and ensure perfect erasure; it possesses great brilliancy and depth of colour, and will maintain a fine point. They have attained to so great a perfection in the manufacture of this Lead as to be able at all times to make the same strength and colour when once found to be suitable for any particular purpose, and have produced a pencil fully equal to those used in former years, when they were made of the finest Cumberland Lead, which at the present time cannot be obtained sufficiently pure for the best pencils. The following are the degrees:—H, HH, HHH, HHHH, F, FF, HB, EHB, B, BB, BBB, BBBB, W.—W. & S. The pencils are particularly recommended for writing and counting-house use.—E. WOLFF and SONS have the honour of supplying their PURIFIED BLACK LEAD PENCILS to Her Majesty's Stationery Office, the Admiralty, the Bank of England, several Railway Companies, and many other Public Establishments.—May be had of all respectable stationers, &c., and at the manufactory, 33, Church-street, Spitalfields, London.